CLAIMS

We claim:

1. A nightlight for electrically connecting to and suspending from an electrical wall outlet having a pair of electrical sockets, said nightlight comprising:

a base having at least a pair of electrical plugs for electrically connecting to the electrical wall outlet pair of electrical sockets;

said base having a step down circuit electrically connected to said electrical plugs for receive electricity from said wall socket and stepping down said AC power to a lower range;

a converter electrically connected to said step down circuit for converting said AC power to DC power;

at least one Light Emitting Diode ("L.E.D.") powered by said converter;

an acrylic body connected to said base for receiving light from said at least one L.E.D.;

said acrylic body having a longitudinal axis and defining at least one hollow chamber therein bounded by at least one reflector; and

a rotating cap on said acrylic body having a reflector angled within the range of 30-60 degrees from the longitudinal axis of said acrylic body for reflecting light from said at least one LED outwardly from said acrylic body.

2. The nightlight of claim 1, wherein said DC voltage is in the range of 2.0 to 4.0 Volts.

3. The nightlight of claim 1, where in said rotating cap is selectively removal to expose said hollow chamber.
4. The nightlight of claim 1, wherein said hollow chamber is surrounded on all sides by a plurality of reflectors.
5. The nightlight of claim 4, wherein said reflectors are white.
6. The nightlight of claim 1, wherein said at least one L.E.D. is a colored L.E.D.
7. The nightlight of claim 1, wherein said at least one L.E.D. is a multi-color L.E.D.
8. The nightlight of claim 1, wherein said nightlight is cantilevered from said electrical outlet by said electrical plugs.

9. A fiber optic illumination device comprising:

a light source for connection to an electrical energy source;

a circuit electrically connected to said electrical energy source for providing DC voltage to said light source, wherein said DC voltage is in the range selected from 2.0 to 4.0 Volts;

said light source comprising at least one Light Emitting Diode ("L.E.D.") powered by the DC voltage;

at least one fiber optic cable for selectively connecting to said light source, said at least one fiber optic cable having a light input end and an opposite light output end, and further being adapted to selectively emit light radially from said lateral surface or axially from said light output end thereof.

10. The fiber optic illumination device of claim 9, wherein further at least a portion of said fiber optic cable is installed within a conduit carrying liquid for illuminating the liquid.

11. The fiber optic illumination device of claim 10, wherein further said at least one L.E.D. is multi-color.

12. The fiber optic illumination device of claim 11, further comprising:

a color control means for controlling the color of said multi-color L.E.D;

a filter condition sensing means for sensing the condition of a filter in fluid communication with the liquid in said conduit;

wherein said color control means changes the color of said at least one L.E.D. when at least one condition sensed by said filter condition sensing means changes, thereby changing the color of the light illuminating the liquid.

13. The fiber optic illumination device of claim 9, further comprising a light control means for selective illuminating and discontinuing illumination of the L.E.D. in response to a predetermined condition.

14. The fiber optic illumination device of claim 13, wherein said light control means is a timing circuit for strobing said L.E.D.

15. The fiber optic illumination device of claim 13, wherein said illumination control means is a flow switch for illuminating said L.E.D. in response to liquid flowing in said conduit.